

**IN THE SPECIFICATION:**

On page 19 of the specification, replace the paragraph from lines 13 to 21 with the following paragraph:

Fig. 20 illustrates (a) normal skeletal muscle metabolizing glucose with insulin. (b), (c) In Type II diabetes mellitus, the major sequela of insulin resistance is decreased muscle uptake of glucose both in response to meals (20 b) and during fasting (20c). It is possible that the glucose transporter in muscle is abnormal. It is known that insulin-mediated stimulation of tyrosine kinase and autophosphorylation are impaired. These latter defects can be corrected by MTT by normal gene expression (from Metabolism 6:6, 1993).